MAKER MERAK VDL

Description

Merak VDL oils belong to the group of oils commonly referred to as compressor oils. Their careful formulation includes, in addition to high-quality base oils, the necessary additives to increase their resistance to oxidation and to ensure good anti-wear and anti-corrosion properties.
They are specially recommended for the lubrication of the cylinders and mechanisms of rotary and alternate compressors, whether for air or inert gases, with high discharge temperatures (up to 220 ºC).

Properties

- Minimum tendency to form deposits.
- Excellent resistance to oxidation.
- High resistance to rust.
- Excellent anti-foam properties.
- High capacity to eliminate air.
- High load capacity.

Quality levels, approvals and recommendations

• DIN: 51506 VDL (ISO 100, ISO 46, ISO 68)

• MacGregor (HATLAPA, PORSGRUNN, PUSNES)* (ISO 100)

*Formal approval

• ISO: 6743/3 DAA, DAG, DGA, DGB y DVA (ISO 100, ISO 46, ISO 68)

• OIL-TECH, ref. AI-34877 certified (ISO 100, ISO 46, ISO 68)

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Technical specifications

	UNIT	METHOD	VALUE		
ISO Viscosity Grade			46	68	100
Viscosity at 100 ºC	cSt	ASTM D445	6.8	8.5	11
Viscosity at 40 ºC	cSt	ASTM D445	46	68	100
Viscosity index	-	ASTM D2270	98	98	97
Density at 15 ºC	g/cm3	ASTM D4052	0.879	0.884	0.886
Pour point	ºC	ASTM D97	-12	-12	-12
Flash point, open cup	ºC	ASTM D92	220	230	245
Water separability	minimum	ASTM D1401	<25	<25	<25
Resistance to rusting					
- Conradson carbon	%	DIN 51352/2	1.2	2.7	3.0
- Evaporation losses	%	DIN 51352/2	5	4.5	3
TAN	mgKOH/g	ASTM D974	0.2	0.2	0.2
Resistance to rust, A and B		ASTM D665	Pass	Pass	Pass

The above mentioned characteristics are typical values and should not be considered product specifications.